

the fed portion into a direct current, a boosting transformer accommodated in the casing for boosting voltage from the AC/DC converter, and a negative ion generator accommodated in the casing to face the outlet and connected to the boosting transformer, wherein the fed portion is connected to a commercial power source, high voltage is applied from the boosting transformer to the negative ion generator to induce electrical discharge and generate negative ions, and the negative ions are released from the outlet.

3. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the bulb-shaped casing comprises a casing body having one end provided with the fed portion and the other end made open and a lid having one end provided with the outlet and the other end fixed or detachably attached to the open end of the casing body.

4. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the negative ion generator is constituted of a needle-like electrode having a distal end directed to a side of the outlet.

5. (Amended) The air cleaning device according to claim 2, wherein the DC/AC converter and the boosting transformer are made integral.

6. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the bulb-shaped casing is provided at the other end with an illuminator.

7. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the fed portion comprises a base to be attached to and detached from a socket.

8. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the fed portion comprises a base having a pair of pins projecting from a peripheral surface in opposite directions.

9. (Amended) The air cleaning device according to claim 1 or claim 2, wherein the fed portion comprises a plug having a pair of blades or pins to be attached to and detached from an electrical receptacle.

10. (Amended) An air cleaning device comprising a bulb-shaped casing provided at one end with an attached portion to be attached to an attaching portion and at the other end with an outlet, accommodating an ozone generator, and formed with a portion for supplying air into the ozone generator, wherein the attached portion is connected to a commercial power source, the ozone generator induces electrical discharge to generate negative ions and ozone, and a stream of air containing the negative ions and ozone is released from the ozone generator to the outlet.

11. (Amended) An air cleaning device comprising a bulb-shaped casing provided at one end with a fed portion to be attached to a feed portion and at the other end with an outlet, an AC/DC converter accommodated in the casing for converting an alternating current from the fed portion into a direct current, a boosting transformer accommodated in the casing for boosting voltage from the fed portion, an ozone generator accommodated in the casing facing the outlet and connected to the boosting transformer, and an air supply portion formed in the casing for supplying air into the ozone generator, wherein the fed portion is connected to a commercial power source and high voltage is applied from the boosting transformer to the ozone generator to induce electrical discharge, generate negative ions and ozone and produce a stream of air containing the negative ions and ozone that flows from the ozone generator toward the outlet.

12. (Amended) The air cleaning device according to claim 10 or claim 11, wherein the bulb-shaped casing comprises a casing body having one end provided with the fed

portion and the other end made open and a lid having one end provided with the outlet and the other end detachably attached to the other end of the casing body.

13. (Amended) The air cleaning device according to claim 10 or claim 11, wherein the ozone generator comprises a needle-like first electrode having a distal end directed to the outlet and a cylindrical second electrode concentric with the first electrode and disposed concentrically with the outlet, and application of high voltage between the first electrode and the second electrode induces electrical discharge therebetween to generate negative ions and ozone and produce a stream of air containing the negative ions and ozone that flows from the first electrode toward the second electrode and outlet.

14. (Amended) The air cleaning device according to claim 10 or claim 11, wherein the ozone generator comprises a needle-like first electrode having a distal end directed to the outlet and a platelike second electrode having a circular opening concentric with the first electrode and disposed concentrically with the outlet, and application of high voltage between the first electrode and the second electrode induces electrical discharge therebetween to generate negative ions and ozone and produce a stream of air containing the negative ions and ozone that flows from the first electrode toward the second electrode and outlet.

15. (Amended) The air cleaning device according to claim 13, wherein the first electrode is accommodated in the casing body and the second electrode in the lid.

16. (Amended) The air cleaning device according to claim 14, wherein the first electrode is accommodated in the casing body and the second electrode in the lid.

17. (Amended) The air cleaning device according to claim 11, wherein the DC/AC converter and the boosting transformer are made integral.